

CLAIMS

1. (Amended) A security service managing method, comprising:

5 the step of, upon incorporating a sensor, registering the sensor in a sensor operation information table in which a condition of each sensor is managed separately from those of other sensors;

the step of tracking the condition of the sensor to keep the sensor operation information table updated;

10 the sensor control step of obtaining a detection signal from the sensor and transmitting the signal to a monitor device;

 the history recording step of obtaining the condition of the sensor from the sensor operation information table so as
15 to record operation history of the sensor; and

 the fee calculation step of calculating fees from the operation history.

2. The security service managing method as set forth in claim
20 1, further comprising the operation plan specifying step of specifying an operation plan for the sensor,

 wherein the sensor control step includes a sub-step of operating the sensor in accordance with the operation plan.

25 3. The security service managing method as set forth in claim

2, further comprising the fee estimation step of calculating and presenting a fee estimate from the operation plan.

4. The security service managing method as set forth in any one of claims 1 through 3, wherein the fees calculated in the fee calculation step is collected using a fee collection device.

5. (Amended) A security service manager system, comprising a security service manager terminal and a central device,

10 the security service manager terminal including: sensor incorporation setting means for, upon incorporating a sensor, registering the sensor in a sensor operation information table in which a condition of each sensor is managed separately from those of other sensors and tracking the condition of the
15 sensor to keep the sensor operation information table updated; sensor control means for transmitting a detection signal obtained from the sensor to a monitor device; history recording means for obtaining the condition of the sensor from the sensor operation information table so as to record
20 operation history of the sensor; and service history reporting means for transmitting the operation history to the central device,

 the central device including fee calculation means for calculating fees from the operation history of the sensor
25 received from the security service manager terminal.

6. The security service manager system as set forth in claim 5,
wherein the security service manager terminal further
includes operation plan specifying means for specifying an
5 operation plan for the sensor, and the sensor control means
causes the sensor to operate in accordance with the operation
plan.

7. The security service manager system as set forth in claim 6,
10 wherein the security service manager terminal further
includes fee estimation means for calculating and presenting
a fee estimate from the operation plan.

8. The security service manager system as set forth in any
15 one of claims 5 through 7, further comprising: a fee collection
device; and fee collection means for collecting the fees
calculated by the fee calculation means using the fee
collection device.

20 9. (Amended) A security service manager terminal,
comprising:

sensor incorporation setting means for, upon
incorporating a sensor, registering the sensor in a sensor
operation information table in which a condition of each
25 sensor is managed separately from those of other sensors and

-50/1-

tracking the condition of the sensor to keep the sensor operation information table updated;

sensor control means for transmitting a detection signal obtained from the sensor to a monitor device;

5 history recording means for obtaining the condition of the sensor from the sensor operation information table so as to record operation history of the sensor; and

history reporting means for transmitting the operation history recorded by the history recording means to a central
10 device including fee calculation means for calculating fees from the operation history.

10. (Amended) A security service manager terminal, comprising:

15 sensor incorporation setting means for, upon incorporating a sensor, registering the sensor in a sensor operation information table in which a condition of each sensor is managed separately from those of other sensors and tracking the condition of the sensor to keep the sensor
20 operation information table updated;

sensor control means for transmitting a detection signal obtained from the sensor to a monitor device;

history recording means for obtaining the condition of the sensor from the sensor operation information table so as
25 to record operation history of the sensor;

fee calculation means for calculating fees from the operation history;

a fee collection device; and

fee collection means for collecting the fees calculated by

5 the fee calculation means using the fee collection device.

11. The security service manager terminal as set forth in

either one of claims 9 and 10, further comprising operation plan specifying means for specifying an operation plan for the sensor, wherein the sensor control means causes the sensor to operate in accordance with the operation plan.

5

12. The security service manager terminal as set forth in claim 11, further comprising fee estimation means for calculating and presenting a fee estimate from the operation plan.

10

13. A security service manager program causing a security service manager system as set forth in any one of claims 5 through 8 to operate, said program causing a computer to function as each of said means.

15

14. A security service manager program causing a security service manager terminal as set forth in any one of claims 9 through 12 to operate, said program causing a computer to function as each of said means.

20

15. A computer-readable storage medium containing the security service manager program as set forth in either one of claims 13 and 14.

25 16. (New) A service managing method, comprising:

the step of, upon incorporating a sensor, registering the sensor in a sensor operation information table in which a condition of each sensor is managed separately from those of other sensors;

5 the step of tracking the condition of the sensor to keep the sensor operation information table updated;

the sensor control step of obtaining a detection signal from the sensor and transmitting the signal to a monitor device;

10 the history recording step of obtaining the condition of the sensor from the sensor operation information table so as to record operation history of the sensor;

the fee calculation step of calculating fees from the operation history.

15

17. (New) The service managing method as set forth in claim 16, further comprising the operation plan specifying step of specifying an operation plan for the sensor,

wherein the sensor control step includes a sub-step of
20 operating the sensor in accordance with the operation plan.

18. (New) The service managing method as set forth in claim 17, further comprising the fee estimation step of calculating and presenting a fee estimate from the operation plan.

25

19. (New) The service managing method as set forth in any one of claims 16 through 18, further comprising the fee collection step of collecting the fees calculated in the fee calculation step using a fee collection device.

5

20. (New) A service manager system, comprising a service manager terminal and a central device,

the service manager terminal including: sensor incorporation setting means for, upon incorporating a sensor,
10 registering the sensor in a sensor operation information table in which a condition of each sensor is managed separately from those of other sensors and tracking the condition of the sensor to keep the sensor operation information table updated; sensor control means for transmitting a detection
15 signal obtained from the sensor to a monitor device; history recording means for obtaining the condition of the sensor from the sensor operation information table so as to record operation history of the sensor; and history reporting means for transmitting the operation history to the central device,

20 the central device including fee calculation means calculating fees from the operation history of the sensor received from the service manager terminal.

21. (New) The service manager system as set forth in claim 20,
25 wherein the service manager terminal further includes

operation plan specifying means for specifying an operation plan for the sensor, and the sensor control means causes the sensor to operate in accordance with the operation plan.

5 22. (New) The service manager system as set forth in claim 21, wherein the service manager terminal further includes fee estimation means for calculating and presenting a fee estimate from the operation plan.

10 23. (New) The service manager system as set forth in any one of claims 20 through 22, further comprising: a fee collection device; and fee collection means for collecting fees calculated by the fee calculation means using the fee collection device.

15 24. (New) A service manager terminal, comprising:
 sensor incorporation setting means for, upon
incorporating a sensor, registering the sensor in a sensor
operation information table in which a condition of each
sensor is managed separately from those of other sensors and
20 tracking the condition of the sensor to keep the sensor
operation information table updated;

 sensor control means for transmitting a detection signal
obtained from the sensor to a monitor device;

 history recording means for obtaining the condition of
25 the sensor from the sensor operation information table so as

to record operation history of the sensor; and

history reporting means for transmitting the operation history recorded by the history recording means to a central device including fee calculation means for calculating fees
5 from the operation history.

25. (New) A service manager terminal, comprising:

sensor incorporation setting means for, upon incorporating a sensor, registering the sensor in a sensor
10 operation information table in which a condition of each sensor is managed separately from those of other sensors and tracking the condition of the sensor to keep the sensor operation information table updated;

sensor control means for transmitting a detection signal
15 obtained from the sensor to a monitor device;

history recording means for obtaining the condition of the sensor from the sensor operation information table so as to record the operation history of the sensor;

fee calculation means for calculating fees from the
20 operation history;

a fee collection device; and

fee collection means for collecting the fees calculated by the fee calculation means using the fee collection device.

25 26. (New) The service manager terminal as set forth in either

one of claims 24 and 25, further comprising operation plan specifying means for specifying an operation plan for the sensor, wherein the sensor control means causes the sensor to operate in accordance with the operation plan.

5

27. (New) The service manager terminal as set forth in claim 26, further comprising fee estimation means for calculating and presenting a fee estimate from the operation plan.

10

28. (New) A service manager program causing a service manager system as set forth in any one of claims 20 through 23 to operate, said program causing a computer to function as each of said means.

15

29. (New) A service manager program causing a service manager terminal as set forth in any one of claims 24 through 27 to operate, said program causing a computer to function as each of said means.

20

30. (New) A computer-readable storage medium containing the service manager program as set forth in either one of claims 28 and 29.